

INTERNATIONAL SEARCH REPORT

PCT/IB 03/04536

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01L23/498 G06K19/077

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 041 395 A (STEFFEN FRANCIS) 20 August 1991 (1991-08-20) column 5, line 33 – line 39; figure 6	1,2
Y	US 4 460 825 A (HAGHIRI-TEHRANI YAHYA ET AL) 17 July 1984 (1984-07-17) column 5, line 9 – line 15; figures 6,14	3,7,9
A	"GSM TECHNICAL SPECIFICATION GSM 11.14 VERSION 5.7.0" EUROPEAN TELECOMMUNICATION STANDARD, XX, XX, 1 April 1998 (1998-04-01), page COMPLETE66, XP002089350 the whole document	8
A	DE 199 43 092 A (ORGAN KARTENSYSTEME GMBH) 15 March 2001 (2001-03-15) figures 1,5	5,6

<input type="checkbox"/>	Further documents are listed in the continuation of box C.	<input checked="" type="checkbox"/>	Patent family members are listed in annex.
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* Special categories of cited documents :	<p>T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>& document member of the same patent family</p>
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Date of the actual completion of the international search	Date of mailing of the international search report
8 April 2004	19/04/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx. 31 651 epo nl, Fax (+31-70) 340-3016	Authorized officer Prohaska, G

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